E 9224-2886-11 H-A006

Thank you for purchasing the Minolta Dimâge Scan Dual2. The Dimâge Scan Dual2 AF-2820U is a dual format film scanner capable of scanning 35mm and, with the optional AD-10 APS Adapter, Advanced Photo System film.
This manual has been designed to help you understand the operation of your scanner. Please read this manual thoroughly to realize all the benefits of your scanner.
The instructions in this manual assume you have a working knowledge of the operating system for your computer (Macintosh OS, Windows 98, or Windows 2000) and its conventions. Familiarity with the mouse and standard operating system menus and commands is necessary before operating the driver software for the Dimâge Scan Dual2.
This manual does not instruct in the:

- basic use of personal computers.
- use of Windows 98, Windows 2000, or Macintosh OS.
- use of Adobe Photoshop, Paint Shop Pro, or Corel Draw.

The examples in this manual use Windows 98. The appearance of some screens may differ from the examples when using Windows 2000, or the Macintosh operating system.

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Macintosh™, Apple®, and Power Macintosh® are registered trademarks of Apple Computer, Inc.
Adobe® and Photoshop™ are registered trademarks of Adobe Systems Incorporated.
Corel Draw™ is a trademark of the Corel Corporation.
Paint Shop Pro is the copyright of Met's Corporation.
Other corporate and product names are the trademarks and registered trademarks of their respective companies.

- Changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This manual may not be copied in part or whole without prior written permission from Minolta Co., Ltd. ©2000 Minolta Co., Ltd.
- Every necessary caution has been taken to ensure the accuracy of this instruction manual. Please contact us if you have any questions, find any errors, or notice missing information.
- Minolta is not responsible for loss, damage, or other results occurring during the operation of this product.

CE

This mark certifies that this product meets the requirements of the EU (European Union) concerning interference causing equipment regulations. CE stands for Conformité Européenne.

Film Scanner:Dimâge Scan Dual2 AF-2820U

FC Tested to comply with FCC standards.

FOR HOME OR OFFICE USE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. To meet FCC regulations, the SCSI cables used with this scanner must be equipped with ferrite cores.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Tested by the Minolta Corporation 101 Williams Drive Ramsey, New Jersey 07446 USA

Please read and understand each caution before using this product.

⚠ WARNING

To avoid fire or electric shock:

- Use only within the voltage range specified on the back of unit.
- Do not expose this unit to liquids.
- Do not insert metal objects into this unit.
- Do not touch the AC power adapter unit, cord or plug if your hands are wet.
- Unplug this unit when it is not in use.

Improper use of the AC power adapter cord may result in fire or electric shock.

- Insert the plug securely into an electrical outlet.
- Do not pull on the AC power adapter cord. Grasp the plug when removing the AC power adapter cord from an AC outlet (mains).
- Do not scratch, twist, modify, heat, or place a heavy object on the AC power adapter cord.
- Do not connect the ground to a gas pipe, telephone ground, or a water pipe. Improper grounding can result in electric shock.

This product must have sufficient ventilation while in use. Blocked ventilation ducts may cause the unit to overheat, increasing the risk of fire.

- Do not use or store this product in dusty or very humid areas.
- This product should be operated in the upright position only. Do not stack any objects on this product.

If there is smoke, a strange smell, or any other unusual conditions, shut down and unplug the unit, then contact a Minolta Service Facility.

Do not attempt to disassemble this product. It contains high-voltage circuits. Take the product to a Minolta Service facility for repairs.

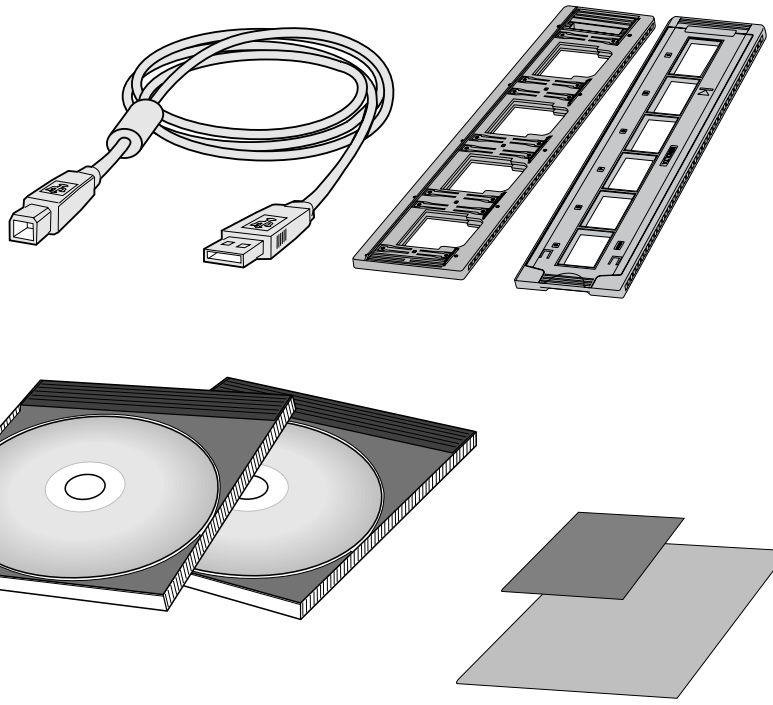
⚠ CAUTION

Unexpected damage may occur if this unit is left unattended near young children.

PACKAGE CONTENTS

The following contents should be included in this package

1. **Minolta Dimâge Scan Dual2**
2. **35mm Slide holder (FH-U1) and Negative holder (SH-U1)**
3. **USB cable**
4. **AC power adapter (AC-U1, AC-U2 or AC-U3)**
5. **CD ROM for Dimâge Scan Dual II**
6. **CD ROM for Photoshop LE**
7. **Warranty card**
8. **Quick Reference Guide**



Software Registration

Please register this software before using it…
Once registered, you will receive technical support, software upgrade and product information. Complete and return the enclosed Product & Software Registration form after detaching it form the Warranty. No postage is necessary.

- The information you provide is confidential and will only be used by Minolta Customer Service and Product Research & Development.

The display indications may differ depnding on your PC's preferences and a using version of the scanner driver.

The details of the contents are described on the following page.

Overview ➠ 9

This section describes the required system and the names of the parts.

Scanner setup ➠ 13

This section describes how to set up of the scanner.

Easy Scan Utility ➠ 23

This section describes how to load the film holder and perform the Minolta Easy Scan Utility.

Index Scan ➠ 35

This section describes how to perform the index scan.

Preview scan ➠ 49

This section describes how to perform the preview scan.

Image correction ➠ 63

This section describes how to perform the final scan and save it.

Final scan ➠ 83

Read this section if necessary.

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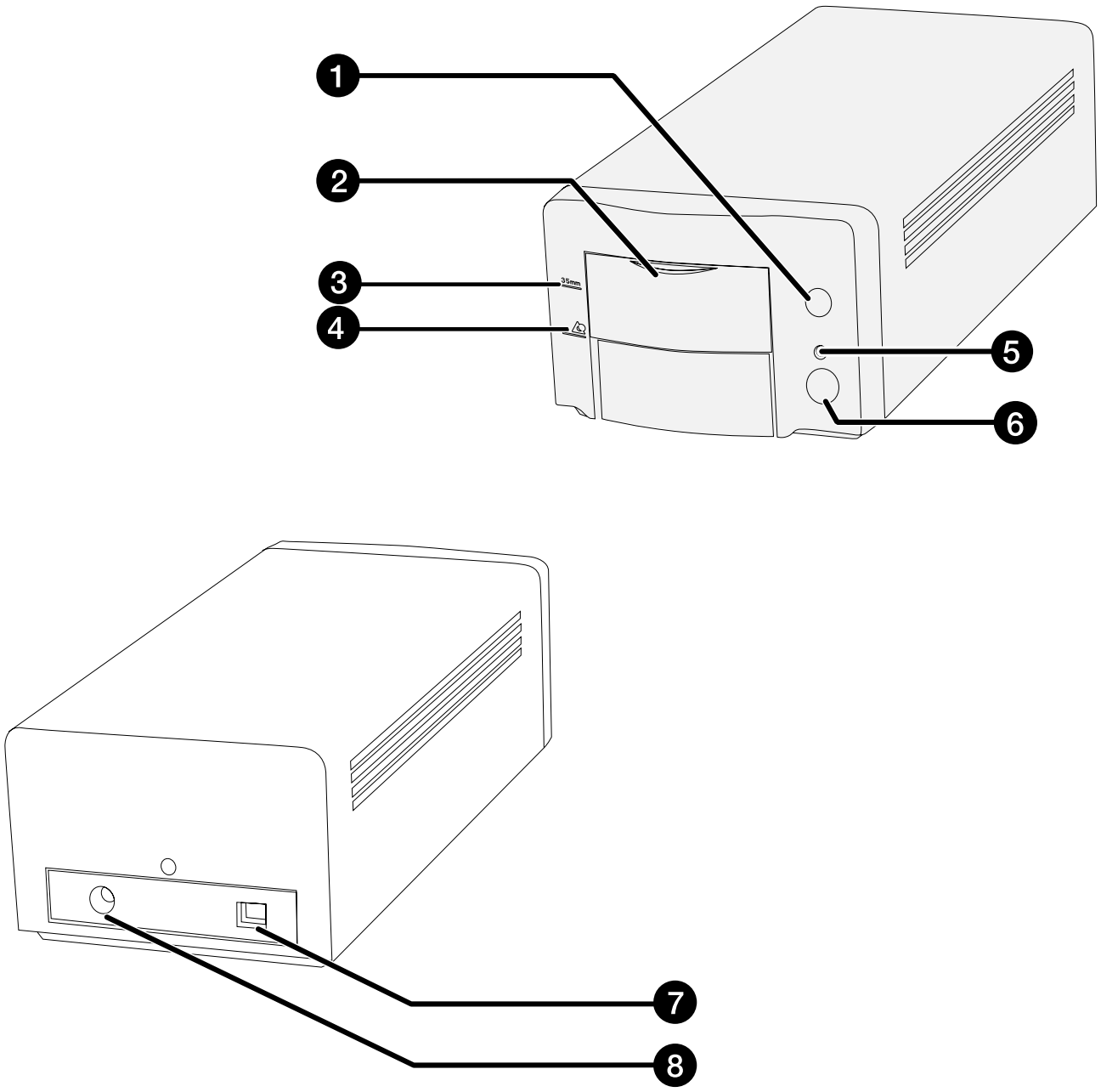
SCANNER – NAMES OF PARTS

1. **Eject button**
2. **Front door**
3. **Mark of 35 mm Film**
4. **Mark of APS cassette**
5. **Indicator lamp**
6. **Power switch**
7. **USB port**
8. **DC power input plug**



SYSTEM REQUIREMENTS – PC/AT

CPU: IBM PC/AT compatible with an Intel Pentium or later processor or better.
An Intel Pentium or later when Windows 98 or Windows 2000 is installed.

- Support cannot be provided for custom or home built machines.

Operating System: Windows 98, or Windows 2000 Professional.

Memory: A minimum of 32 MB RAM.

Hard Disk Space: 90 MB of available hard disk space.

Interface: USB Port

Monitor: XGA (1024 x 768) or better. VGA (640 x 480) can be used.

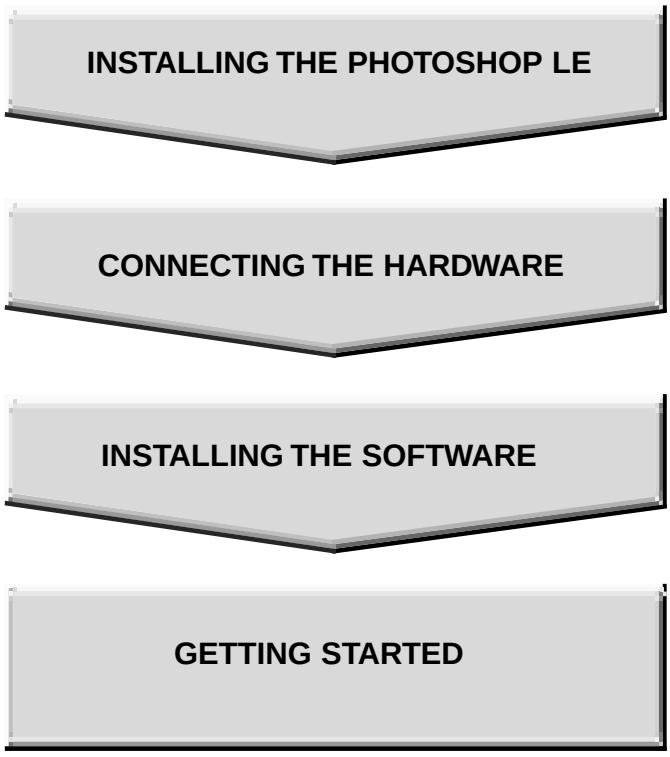
Other: TWAIN driver is compatible with Photoshop Ver.3.05, Ver.4.0.1, Ver.5.0.2, and Ver.5.5.
Photoshop LE
Paint Shop Pro 5.01, Corel Photo Paint 8.

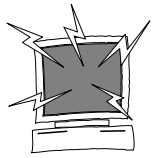
SYSTEM REQUIREMENTS – MACINTOSH

CPU:	Power PC
Operating System:	Mac OS 8.5 – 9
Memory:	A minimum of 16 MB application RAM in addition to the requirements for the Mac OS and Adobe Photoshop™
Hard Disk Space:	90 MB of available hard disk space.
Monitor:	19 inch (1024 x 768) monitor or better. 13 inch (640 x 480) monitor capable of displaying 32,000 colors.
Interface:	USB port
Other:	Plug-in is compatible with Photoshop Ver. 3.05, Ver. 4.01, Ver. 5.02 and Ver. 5.5. Photoshop LE

SCANNER SETUP

SCANNER SETUP FLOW





CAUTION – Before installing

- Please remove or disable any antivirus system extensions before launching this installer. These extensions may conflict with the operation of the installer. Replace or re-enable them when the installation is complete.

This manual describes how to install Adobe Photoshop LE as the image editing application. The commands, the displays or the operations may differ when using another image editing application. In this case, refer the instruction manual of the application you use. And if you have never used the image editing application, install the Photoshop LE before installing the supplied software.

Installing Photoshop LE – Windows®98/2000

This installation instruction assumes that the drive D or C is a CD-ROM or a hard disc drive respectively.

1. **Turn on the PC and start up the Windows®98/2000.**

2. **Insert the Photoshop LE CD-ROM into the CD-ROM drive.**

3. **Select Start > Run… and input "D:\ENGLISH\install.wri" in the Name (o): box and then click on OK.**
   - "Read Me file" will appear. Read the content and confirm it.

4. **Select Start > Run… and input "D:\ENGLISH\PHOTOSLE\Setup.exe" in the Name (o): box and then click on OK.**
   - Perform the installation according to the instructions displayed in the window.

5. **Select "United States/Canada" in the Select Country window.**
   - Perform the operation according to the instructions displayed in the window.

6. **Select the following either one in the install dialog box.**
   - When installing the most typical options, select "Typical".
   - When installing the only options you need, select "Compact".
   - When selecting the options you install, select "Custom".
   - Perform the installation according to the instructions displayed in the window.

7. **Input your name, company name and the serial number printed on the package of the CD-ROM accurately in the User Information window.**

8. **After the installation is completed, restart your PC.**

Installing Photoshop LE –- Macintosh

1. **Insert the Photoshop LE CD-ROM into the CD-ROM drive.**

2. **Double-click on the installer icon.**
   • The install program will start.

3. **Click on “English” and read “Install” and confirm the content.**

4. **Perform the installation by following the instructions described in “Install” file.**

5. **Select the following either one in the install dialog box.**
   • When installing the most typical options, select “Easy”.
   • When selecting the options you install, select “Custom”.
   • Perform the installation according to the instructions displayed in the window.

6. **When starting up Photoshop LE, input your name, company name and the serial number printed on the package of the CD-ROM accurately in the Setup window.**

7. **After the installation is completed, restart your PC.**

WINDOWS 98/WINDOWS 2000

Dimâge Scan Dual2 for Windows Setup installs the Twain and Twain_32 driver software into the drive and folder you select.

- The appearance and/or wording of some dialog boxes may vary depending on the version of Windows running on your machine.
- These installation instructions assume drive D is the CD-ROM drive.

1. Turn on the scanner, then turn on the PC.

2. Start the Windows operating system.

This step varies with your specific operating software…

Windows 98

- The Device Wizard dialog box will appear.

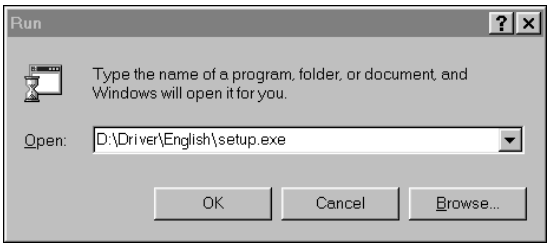
then click on Finish.

- This dialog box may appear several times.

3. Insert the Dimâge Scan Dual2 CD-ROM into the CD-ROM drive.

4. Select Run from the Start menu.

The Run dialog box will appear.

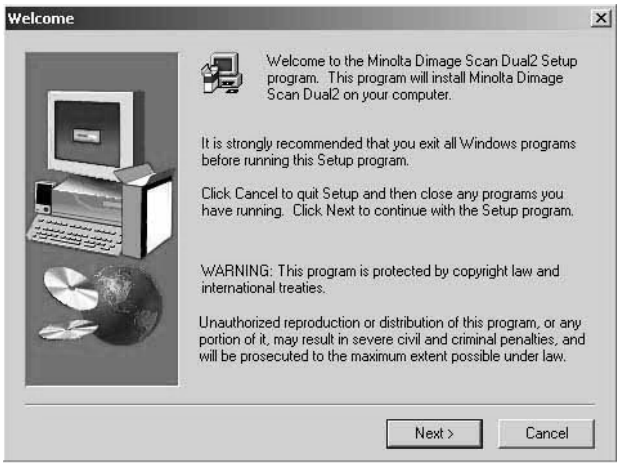


5. Select D:\Driver\English\Setup.exe from the Open drop-down list, then click on OK.

- If your CD-ROM drive is not the D drive, replace the D with the appropriate designation for your CD-ROM drive.

The installer flash will appear.

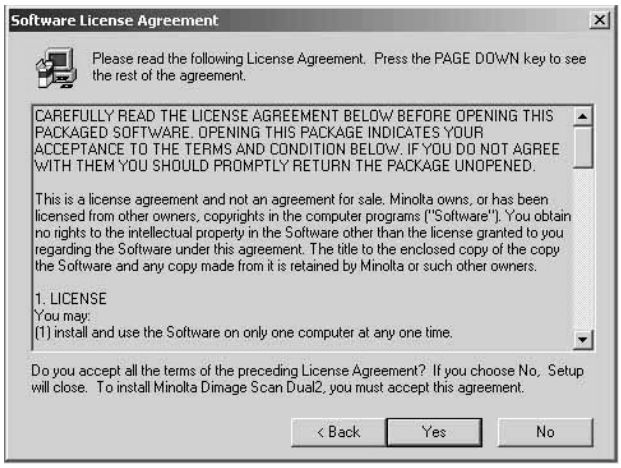
6. Click on Next.



The Software License Agreement will appear.

7. After reading the agreement, click on Yes.

- If you do not agree to the conditions stated in the End-User License Agreement, click on No and the software will not be installed.



The Choose Destination Location dialog box will appear.

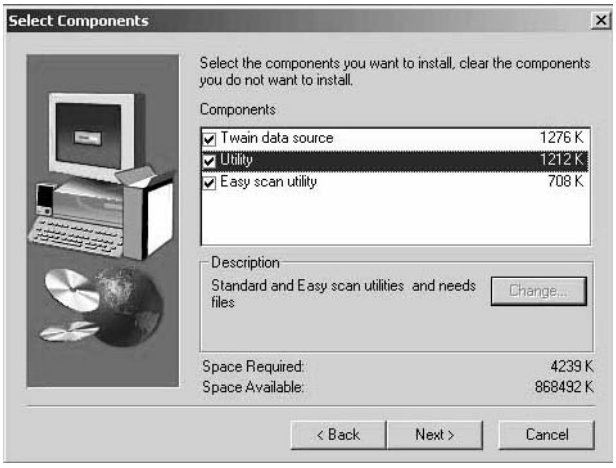
8. Click on Browse to select another destination directory…

- An install directory and path can also be entered directly into the install path list box.

then click on Next.

The Setup Type dialog box will appear.

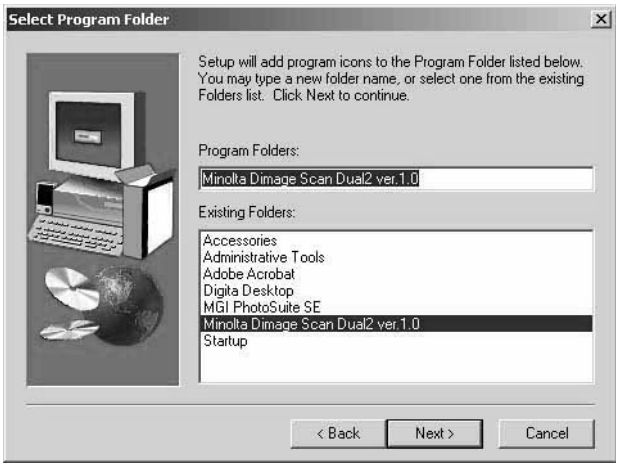
9. Choose either Typical or TWAIN Files install, then click on Next.



The Select Program Folder dialog box will appear.

10. Click on Next.

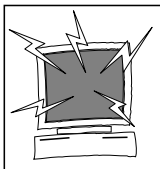
- Setup will begin.



The Setup Successful dialog box will appear.

11. Click on Close.

12. Click on Finish.



Please remove or disable any antivirus system extensions before launching this installer. These extensions may conflict with the operation of this installer. Replace or re-enable them when installation is complete. Hold the shift key down during startup to disable the extensions.

1. **Turn on the Dimâge Scan Dual2, then turn on your Macintosh.**

2. **Quit any open applications.**

3. **Insert the Dimâge Scan Dual2 CD-ROM into the CD-ROM drive.**
   • will appear on the desktop.

4. **Double-click on .**
   • The driver folders will appear.

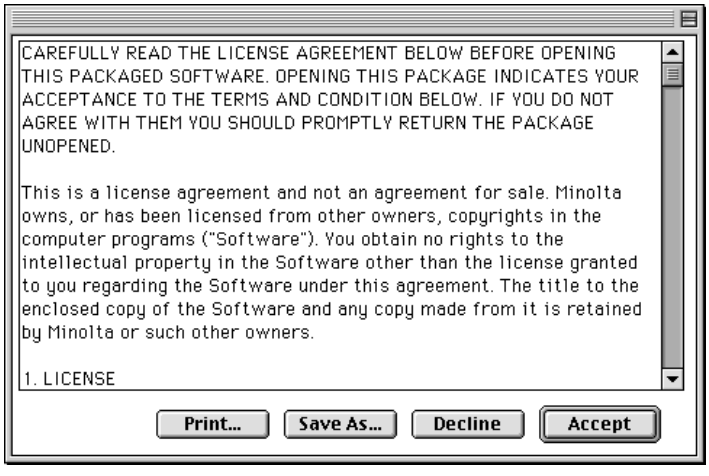
5. **Double-click on Driver folder.**
   • The language folders will appear.

6. **Open the English language folder, then double click on the Dimâge Scan Dual2 Installer.**
   • The installer's start-up screen will appear.

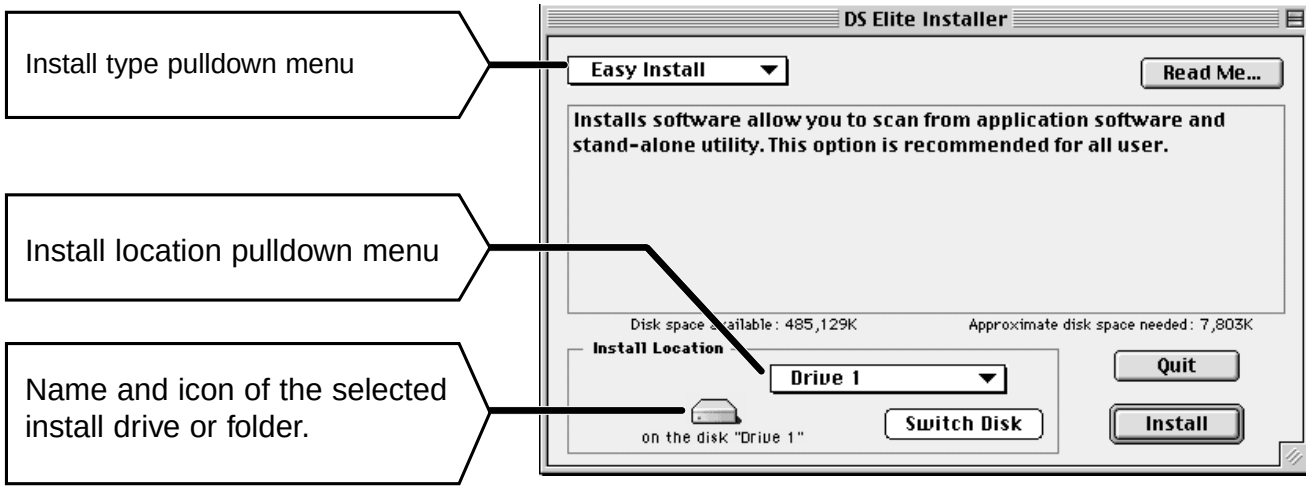
7. **Click on** Continue **.**

The End-User License Agreement will appear.

8. **Click on** Accept **.**
   • If you do not agree to the conditions stated in the End-User License Agreement, click on Decline and the software will not be installed.



The following dialog box will appear.

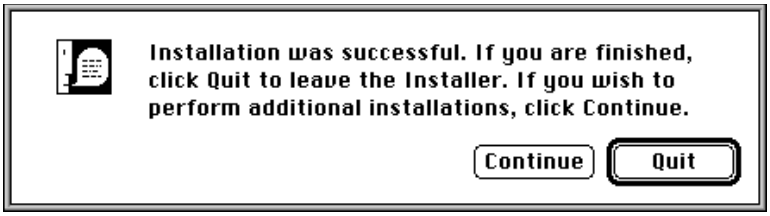


9. Select the install drive (or folder) and type from the pulldown menus.

- You can also click on Switch Disk to select an install drive.

10. Click on Install.

The following message appears when the installer is finished.



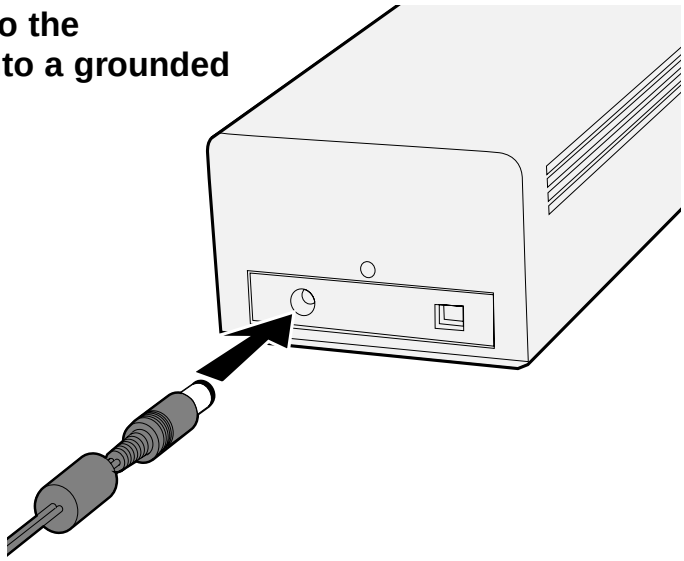
11. Click on Quit.

- The software will be installed in a new folder titled Dimâge Scan Dual2.
- If Easy Install was chosen, the Dimâge Scan Dual2 folder will contain the following items: DS_Dual2 Utility, DS_Dual2 Plug-in, and Read Me file.
- Your Macintosh will automatically restart.

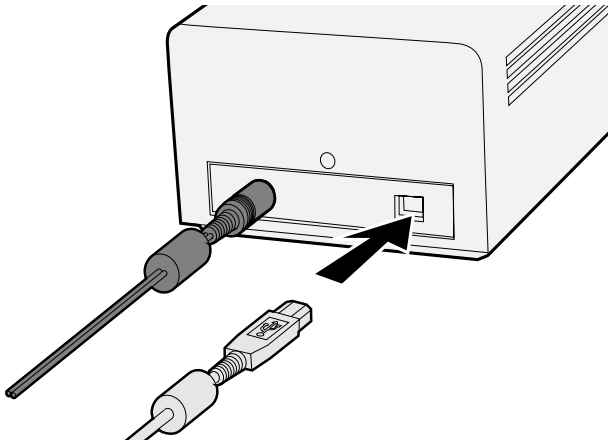
12. Drag the DS Dual2 Plug-in to the Import/Export folder in the Adobe Photoshop Plug-ins folder.

Connecting the AC power adapter and the USB Cable.
This scanner has been packaged with the USB cable and AC power adapter.

1. **Plug the AC power adapter cord into the scanner's AC socket, then plug it into a grounded outlet.**

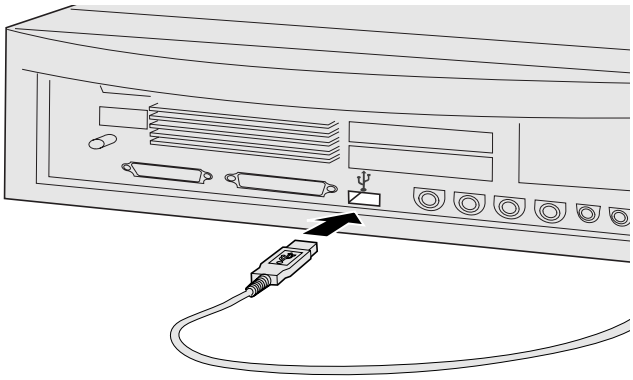


2. **Connect one end ( ) of the USB cable to either USB port on the back of the scanner.**



Continued on the following page

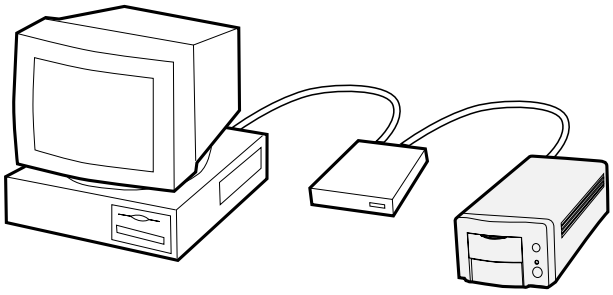
3. Connect the other end of the USB cable ( ) to the USB port on the computer or the USB Hub terminal.



NOTE:

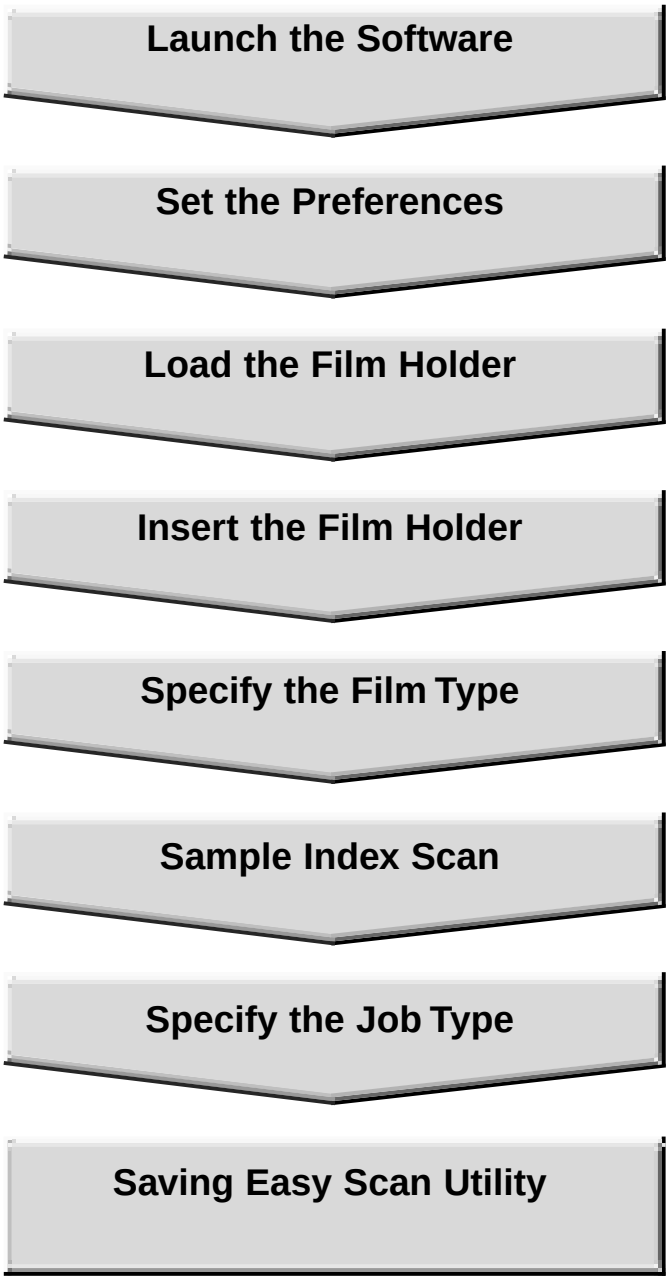
When connecting the Dual2 with the USB hub terminal, be sure to connect to the closest terminal to the computer.

Example:
Connect the USB Hub terminal



EASY SCAN UTILITY

EASY SCAN UTILITY FLOW

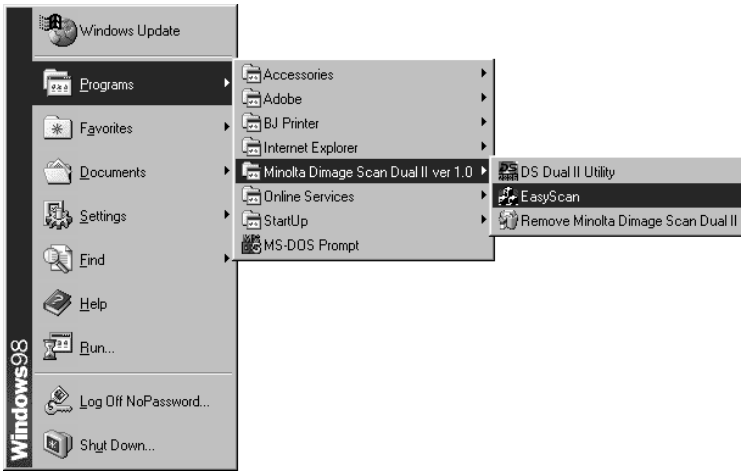


WINDOWS 98/WINDOWS 2000

Starting up the utility software

The Minolta Easy Scan Utility can be performed by using the utility software.

1. **After performing steps 1 and 2 on page 36, select Start > Program (P) > Minolta Dimâge Scan Dual2 ver.1.0 > EasyScan.**
   • The software starts up and the Easy Scan Utility window will appear.



MACINTOSH

Starting up the utility software

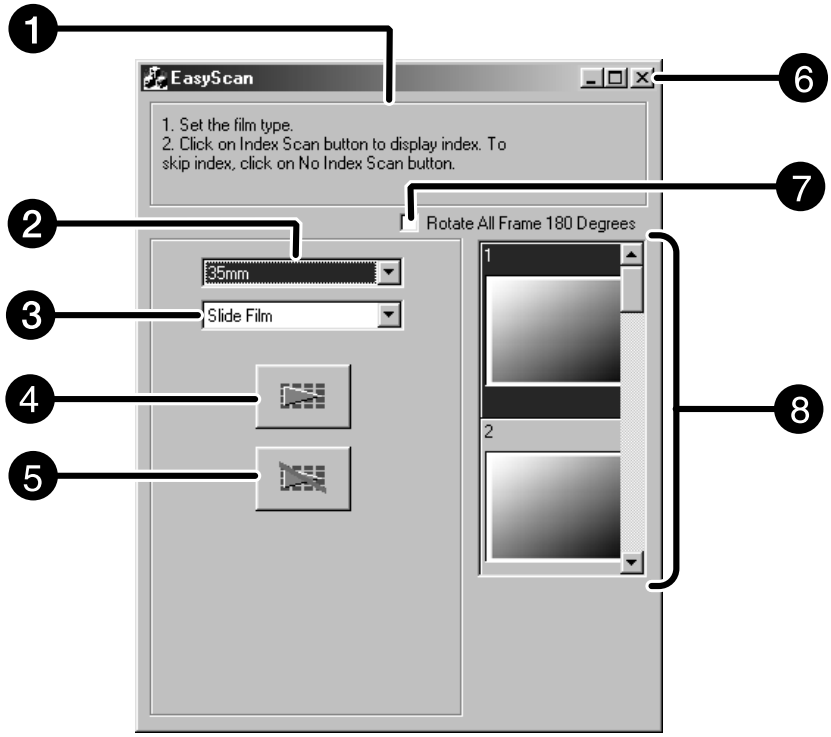
The Minolta Easy Scan Utility can be performed by using the utility software.

1. **After performing steps 1 and 2 on page 36, double-click on the Dimâge Scan Dual2 ver. 1.0 folder and then double-click on EasyScan.**
   • The software starts up and the Easy Scan Utility window will appear.

Easy Scan Utility Window

While the Minolta Easy Scan Utility software is functioning, the following window is displayed.

The Easy Scan Utility Window – Name of parts



❶ Operation Step display

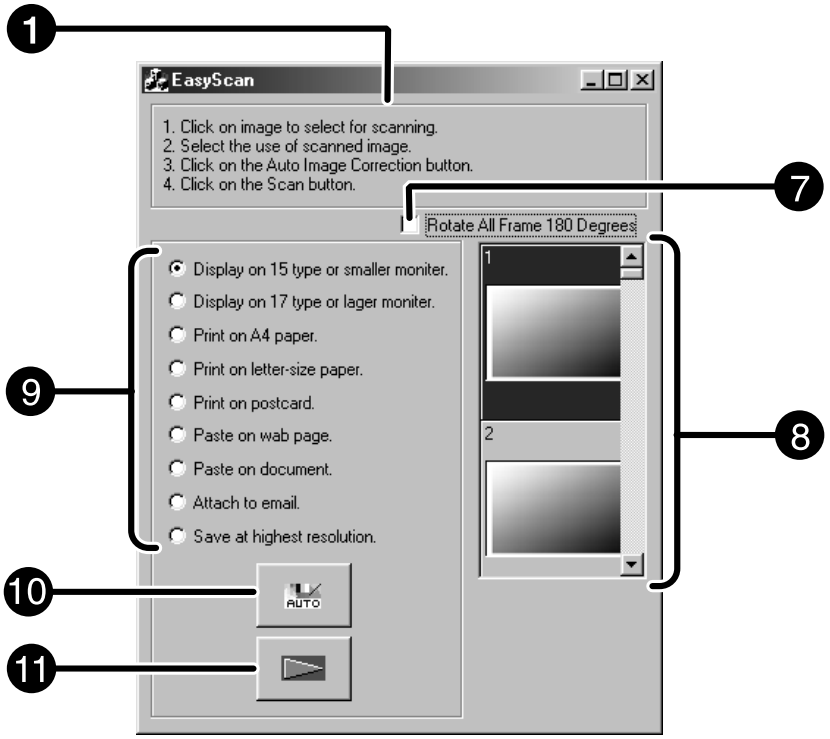
❷ Film Type list box

❸ Film Format list box

❹ Perform Index Scan

❺ Do not Perform Index Scan

❻ Close button (The upper left side of the window on Macintosh)



❼ Rotate 180° check box

❽ Index Image Frame

❾ Setting Image Usage check box

❿ Correct image automatically button

⓫ Scan button

LOADING THE FILM HOLDER

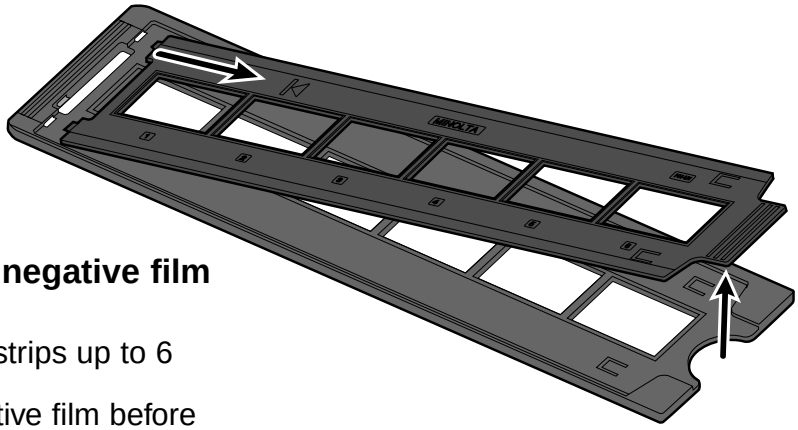
Using the included 35mm negative and slide holders, the Minolta Dimâge Scan Dual2 can scan mounted or unmounted…

- 35mm color negatives
- 35mm color slides
- 35mm black & white negatives
- 35mm black & white positives

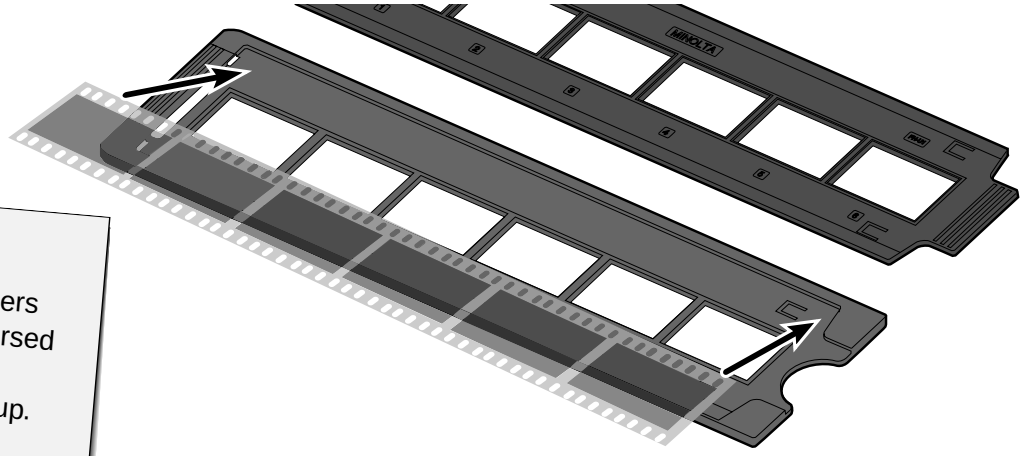
APS (Advanced Photo System) negatives and slides can also be scanned using the optional AD-10 APS Adapter. See page 28.

Loading the 35 mm Negative Film Holder – FH-U1

1. **Open the film cover on the 35 mm negative film holder by lifting the film number "6" side of the film cover.**



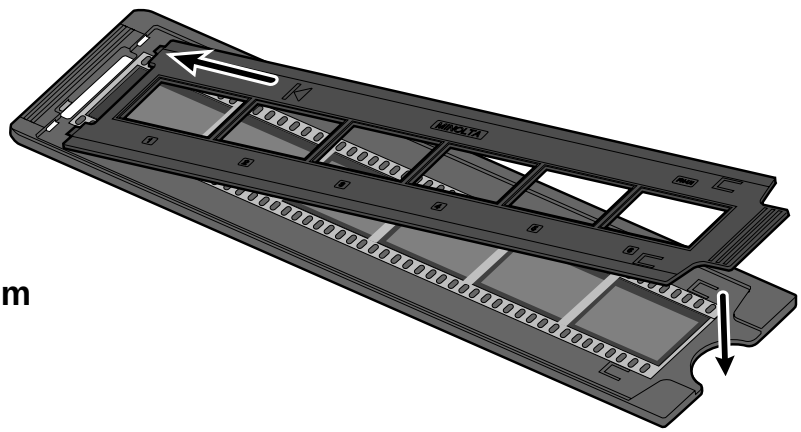
2. **Place the film in the 35 mm negative film holder emulsion side up.**
   - The film holder will accept film strips up to 6 frames long.
   - Brush dust off the 35 mm negative film before placing it into the film holder.



NOTE:

The frame numbers and text are reversed when the film's emulsion side is up.

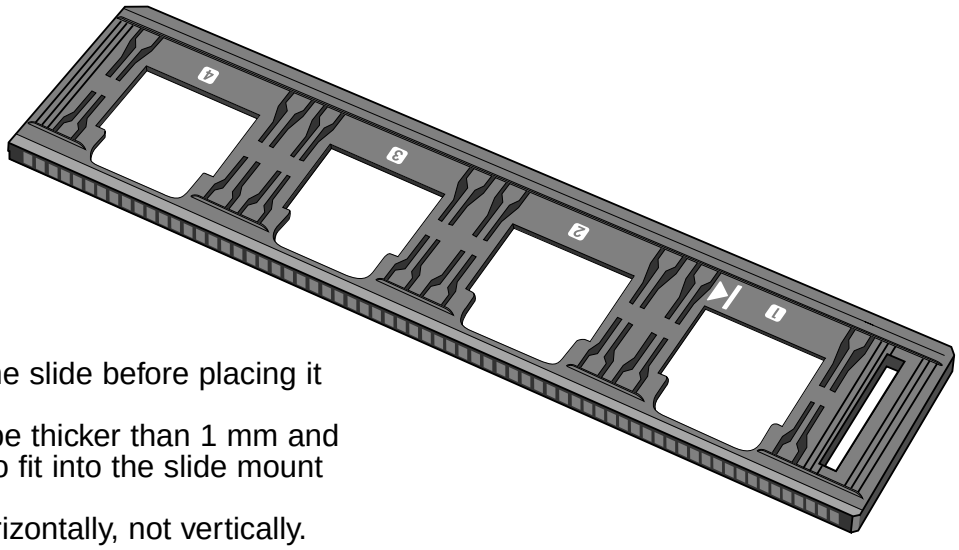
3. **Align the frames within the scanning windows.**



4. **Snap the 35 mm negative film holder closed.**

Loading the Slide Mount Holder – SH-U1

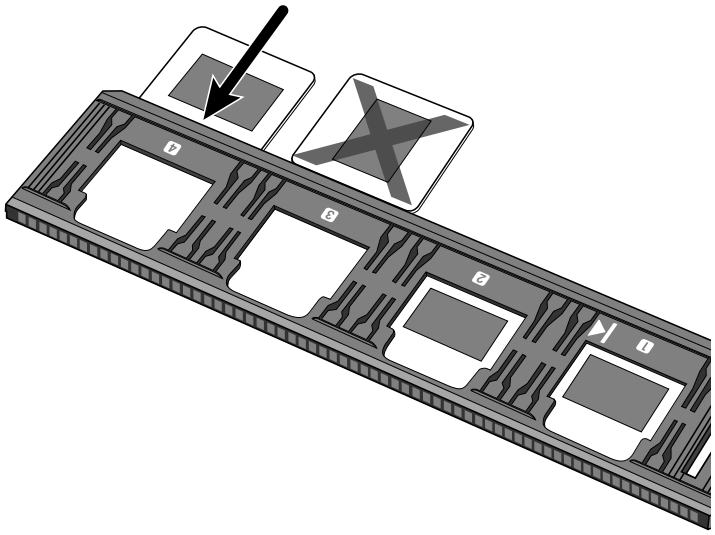
1. Insert slides into the slide mount holder emulsion side up.



- Brush dust off the the slide before placing it into the film holder.
- Slide mounts must be thicker than 1 mm and thinner than 2 mm to fit into the slide mount holder.
- Orient the slides horizontally, not vertically.

NOTE:

- Do not scan glass mounted slides. Glass mounts bend the light from the line scanner, producing bad results.
- The APS positive film placed in the slide mount holder can be scanned using the supplied holder in the AE Off and 35 mm Color Positive film settings.



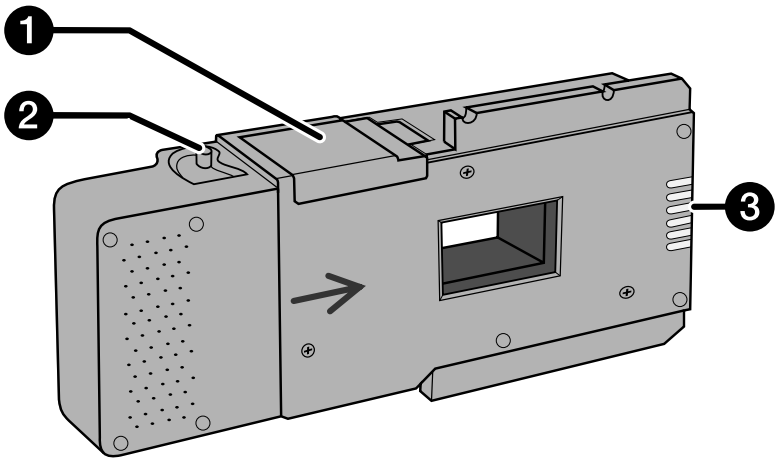
APS ADAPTER (OPTIONAL)

The AD-10 APS Adapter is an optional accessory. The Dimâge Scan Dual2 can not scan Advanced Photo System film (IX-240 type) without the AD-10 APS Adapter.

Names of Parts

1. Film-chamber door
2. Film-chamber release
3. Scanner contacts*

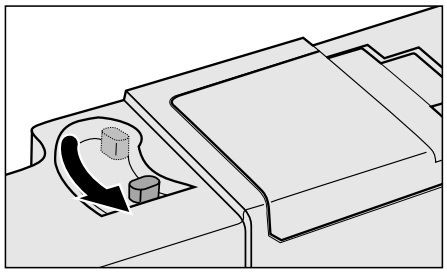
* Do not touch



Loading the APS Adapter

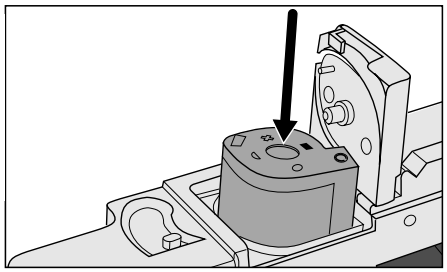
1. Slide the film-chamber release as shown.

• The film-chamber door will open.



2. Insert the film cassette into the film chamber with the VEI on top.

• Only load cassettes with the ■ mark current.



3. Close the film-chamber door.

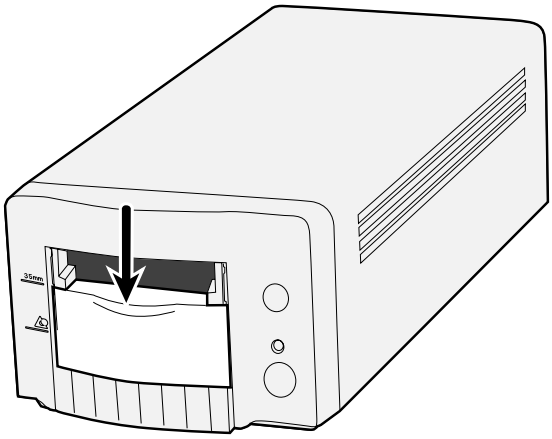
• The film-chamber door will not close if the ■ mark is not current. Forcing the door shut could damage the cassette.

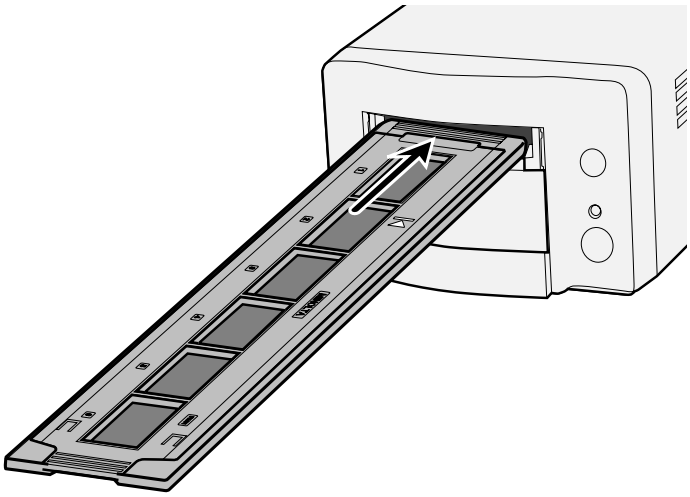
During the start-up time, the indicator lamp will blink. DO NOT insert the film holder into the film slot until the indicator lamp is steady.

Scanning with the FH-U1 35 mm film or SH-U1 slide film holder

1. **Open the scanner lid by pushing it down to the 35 mm mark 35mm .**

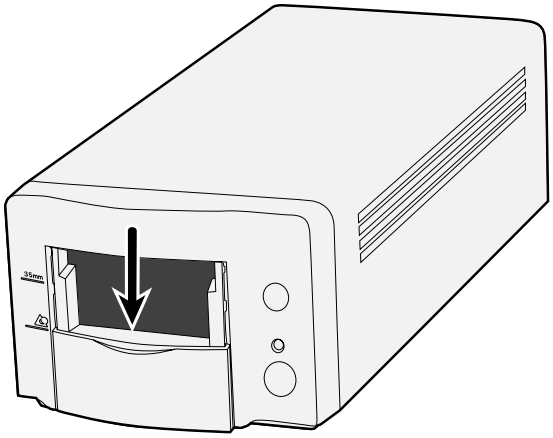
2. **Be sure that the white arrow mark on the 35 mm film or slide film holder is facing up and then insert the 35 mm film or slide filme holder into the scanner up to the arrow mark.**



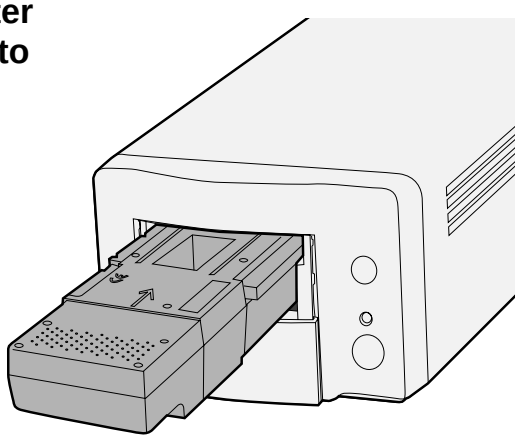


INSERTING THE APS ADAPTER

1. **Open the scanner lid by pushing it down to the APS mark .**



2. **Be sure that the arrow mark on the APS adapter is facing up and then insert the APS holder into the scanner until the holder stops.**

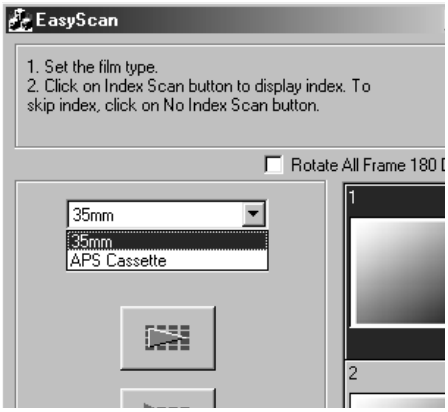


Selecting the film type

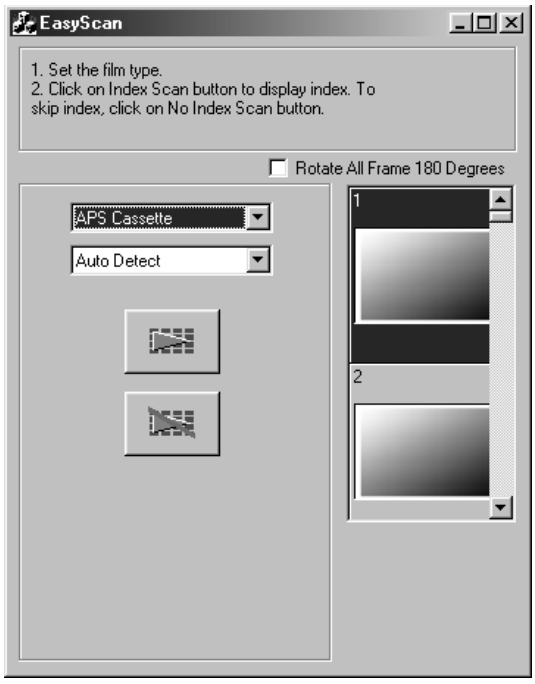
1 Select the film format to be scanned in the Main window.

2 Select the film type.

- The index tab is selected and the index window will appear.



1. **Select whether the index scan should be perform or not.**
   - When Perform the index scan' is selected, the index scan starts. When 'Not Perform the index scan' is selected, the window changes to the scan window.



Setting the usage

1. **Select the image usage setting from the radio button list displayed in the scan window.**

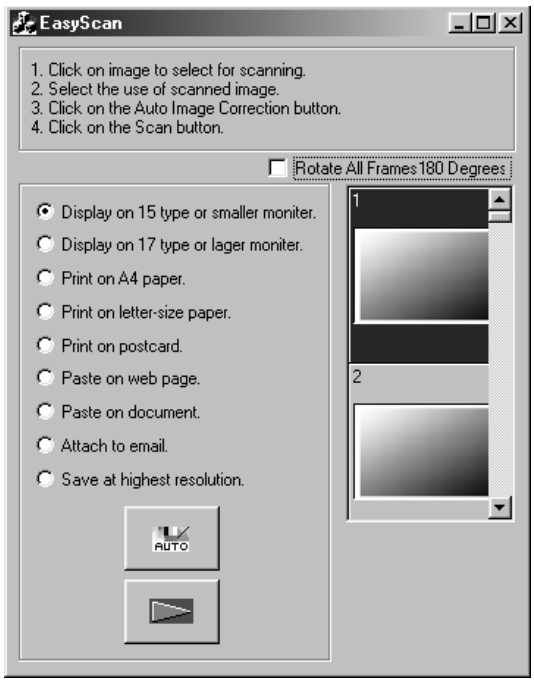


Image Correction

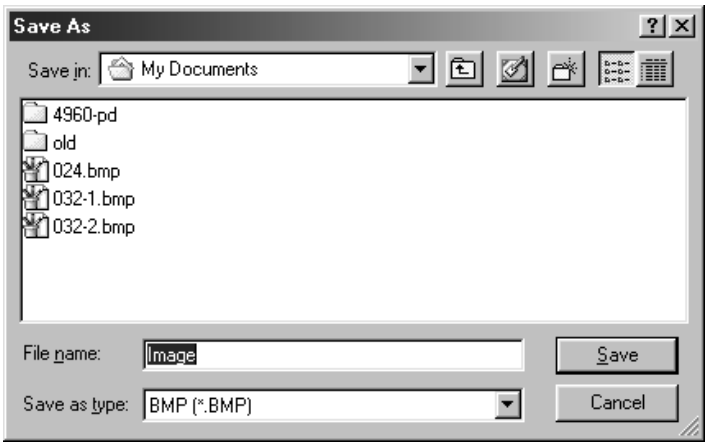
1. **Perform the auto image correction using the 'Auto Image Correction' button if necessary.**
   - The image correction matching to the image will be applied automatically.

Rotate

1. **Rotate the image 180° if necessary.**

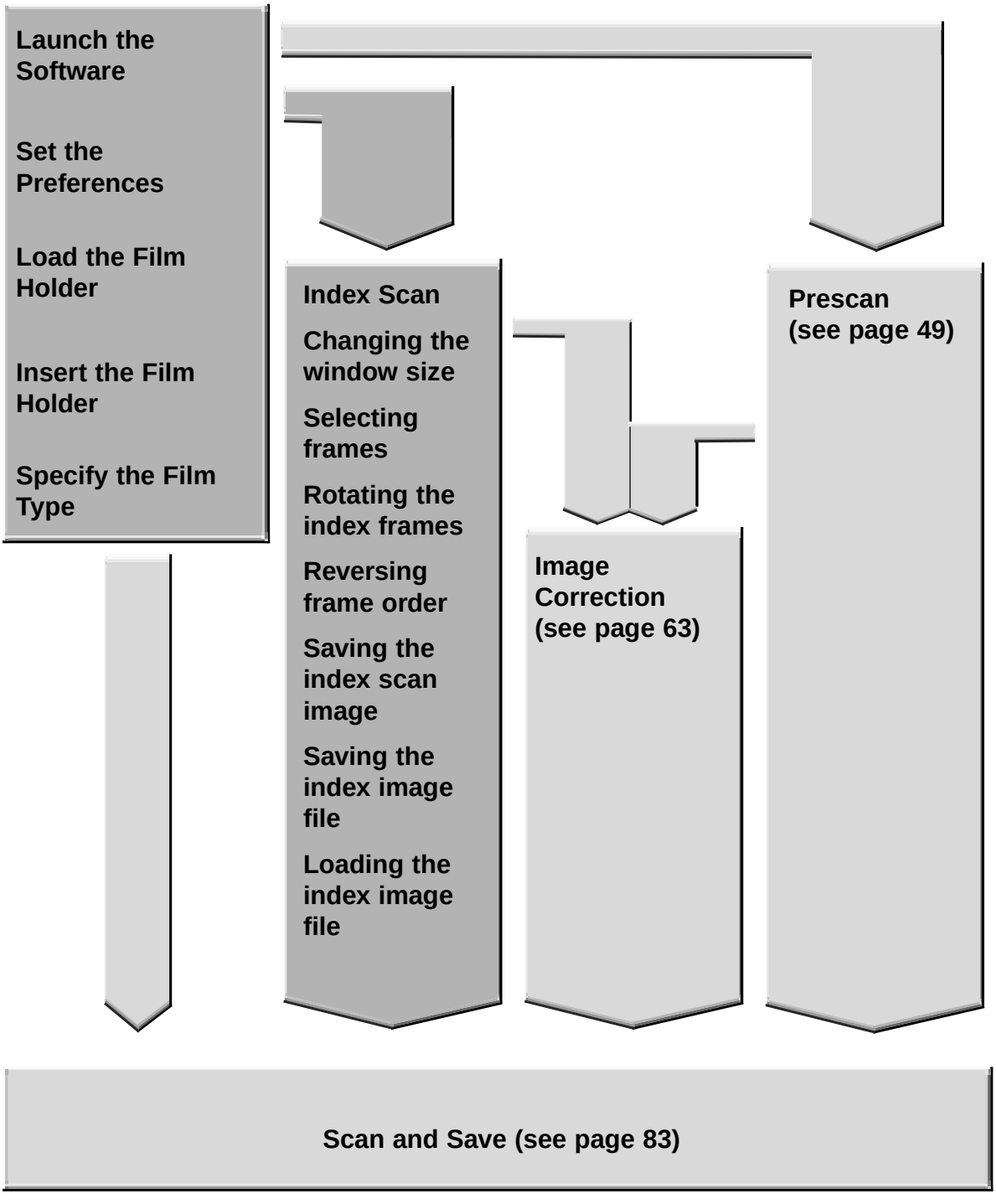
1. Click on the Scan button to scan.

- When the 'file saving dialog box' appears, select the file format and save the scan.
  File format: BMP JPEG, TIFF (Windows)
  PICT, JPEG, TIFF (Macintosh)



INDEX SCAN

SCANNING FLOW



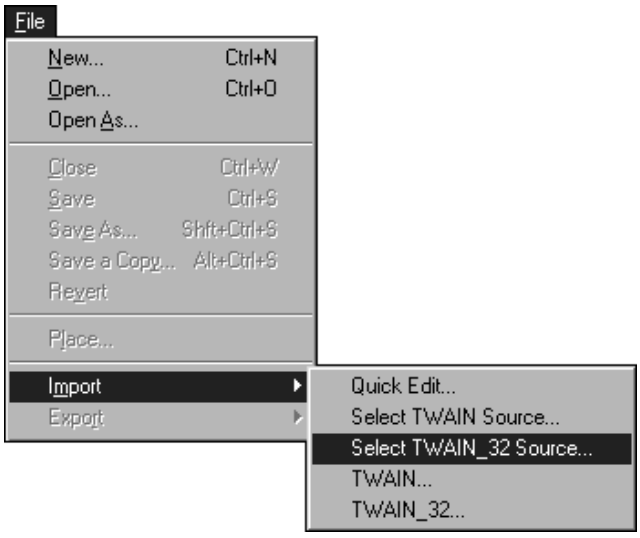
The TWAIN driver allows you to control the software through another application, such as your image editing software.

Launching the TWAIN Driver – Windows

This manual uses Adobe Photoshop LE as the host application. Commands may vary among applications.

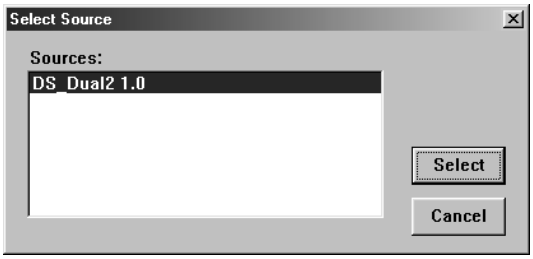
1. **Open the host application.**

2. **Select File > Import > Select TWAIN_32 Source…**

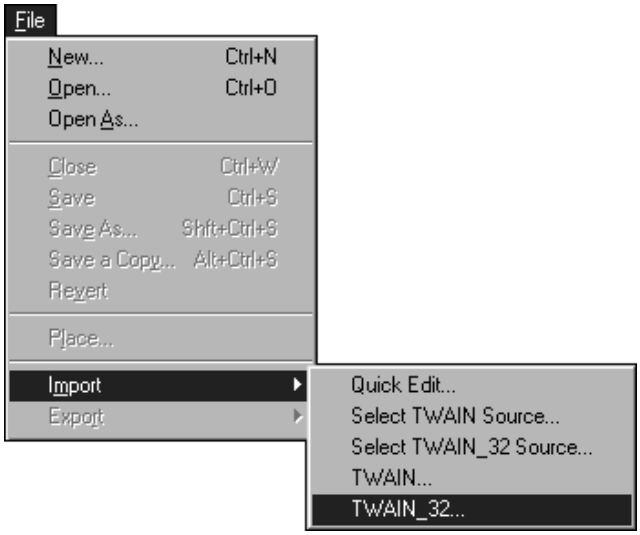


The Select Source dialog box appears.

3. **Select DS_Dual2 1.0, then click on Select.**



4. **Select File > Import > TWAIN_32.**



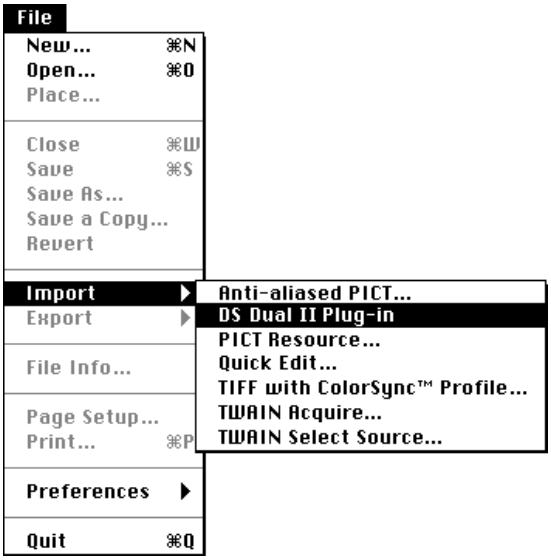
The software is ready for use when the Main window appears (page 38).

The plug-in software lets you access the software through Adobe Photoshop.

Launching the Plug-in – Macintosh

1. **Launch Adobe Photoshop.**

2. **Photoshop LE, 4.0.1 and newer:**
   Select File > Import > DS_Dual2 Plug-in.
   Photoshop 3.0.5:
   Select File > Acquire > DS_Dual2 Plug-in



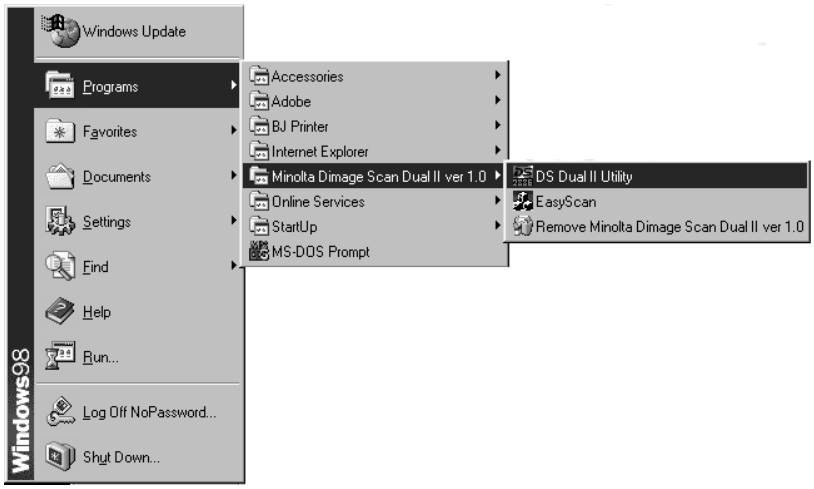
The software is ready for use when the Main window appears (page 38).

Use the utility software, as a stand alone application, when you just want to scan the photographic image and store.

Launching the Utility Software

Windows

Select Start > Programs > Minolta Dimâge Scan Dual2 ver.1.0 > DS Dual II Utility

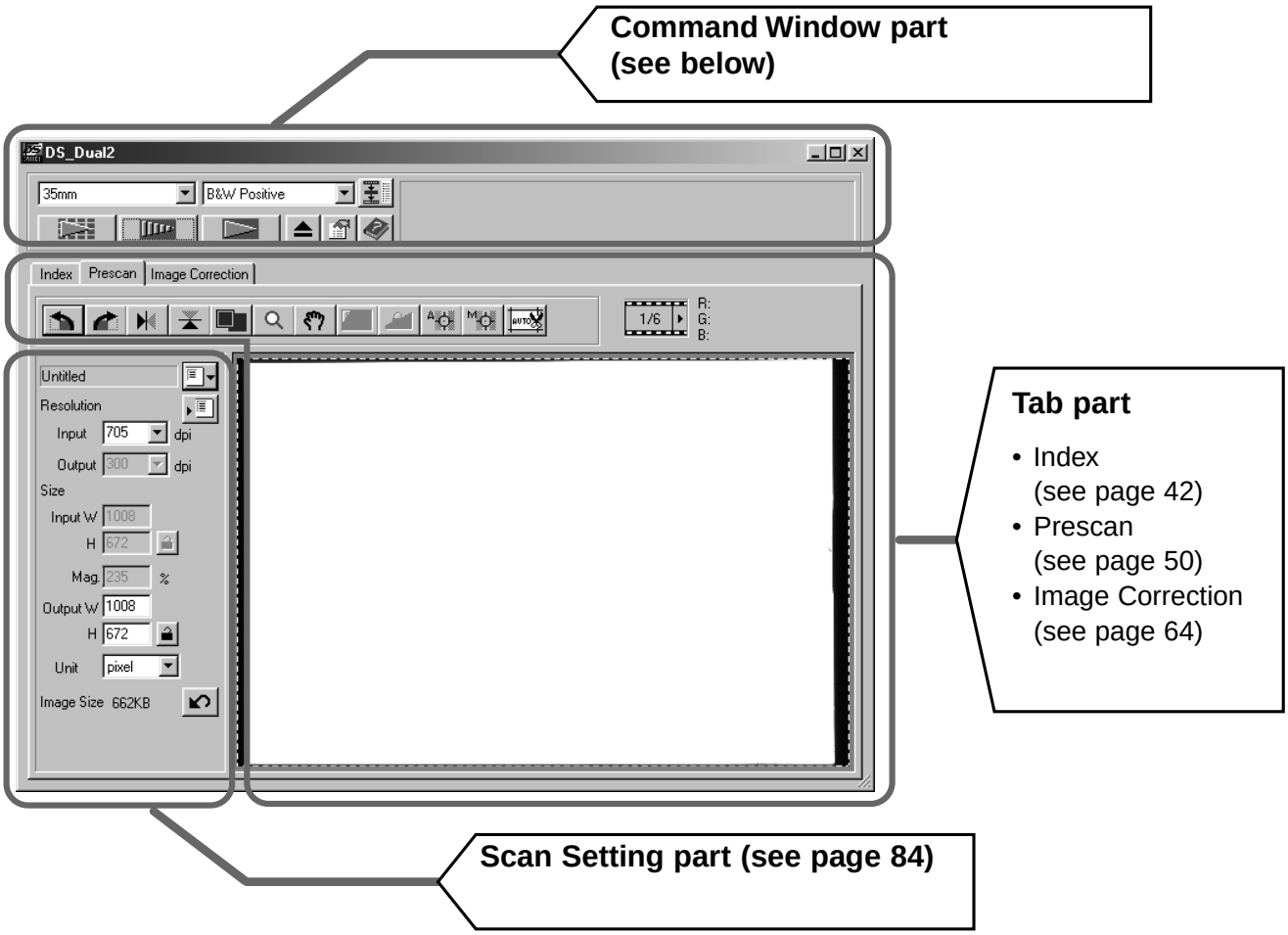


Macintosh

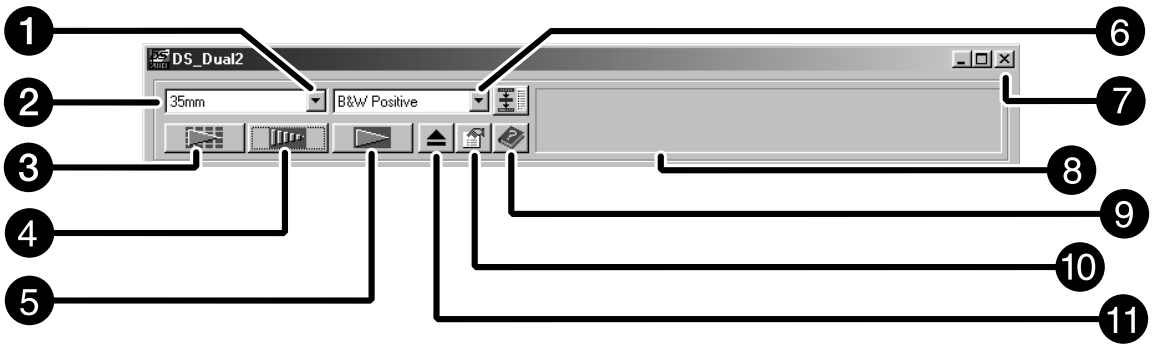
Double click on .

The software is ready for use when the Main window appears (page 38).

MAIN window



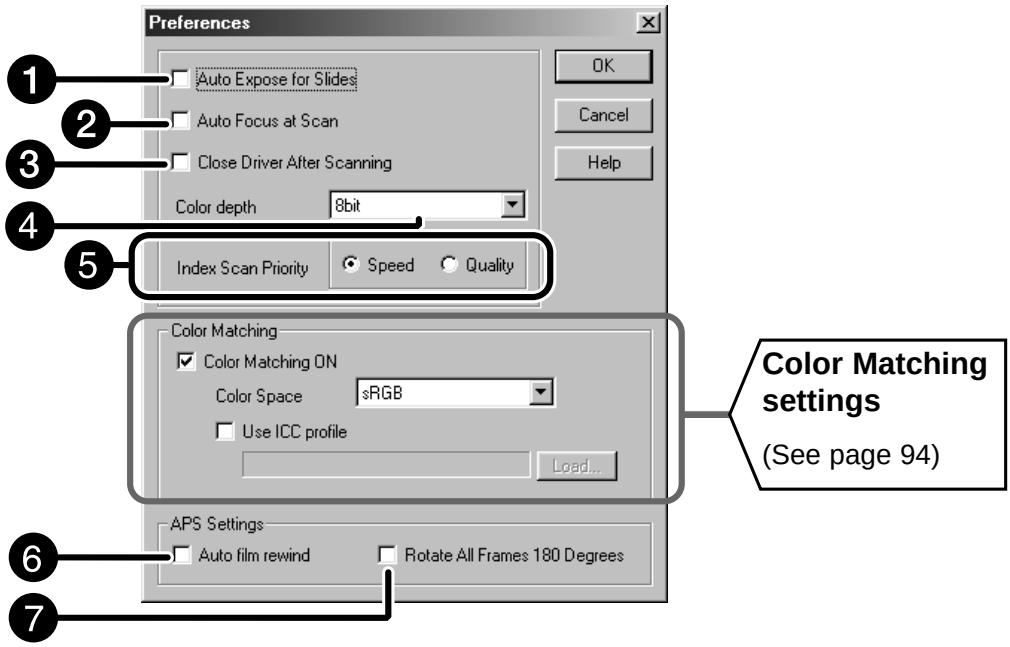
The Command window part – Name of parts



1. Film Type list box
2. Film format list box
3. Index Scan button
4. Prescan button
5. Scan button
6. Navigation button
7. Close button
8. Status bar
9. Help button (on Macintosh)
10. Preferences button
11. Eject button

1. Click on in the Command window.

The Preference Dialog Box – Name of parts



2. Set the preferences as desired.

❶ Auto Expose for Slides checkbox

Select this checkbox when scanning underexposed slides.

❷ Scan AF checkbox

Select this checkbox to use the auto focus function when performing the index scan, preview scan and AF scan.

❸ Close Driver After Scanning checkbox

Closes the scanner's driver software after the scan is complete.

❹ Color depth setting box

The pixel depth of each color channel used to scan your image (RGB or CMY).
Three options are available:

- 8-bit – over 16.7 million colors
- 16-bit – over 2.8 billion colors
- 16-bit linear – same as 16 bit, but image correction is not applied when the image is scanned.

Continued on the following page.

❺ Index Scan priority

Speed – Creates a thumbnail representation of each frame on the roll.
Quality – Thumbnail and Prescan images are created for each frame on the roll.

- Double-clicking on the index image opens the ready-made prescan image.

3. When scanning APS, set the Preferences as desired in the APS settings part.

- De-select the Close Driver After Scanning checkbox when scanning multiple images at the same time.

❻ Auto film rewind

Clicking on the Rewind button in the Command window automatically rewinds the film into the APS cassette before the APS adapter is ejected.

❼ Rotate All Frames 180 Degrees

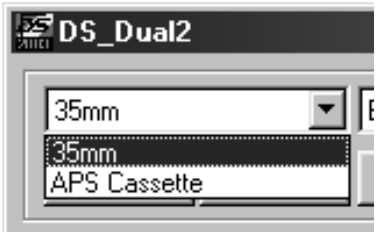
Rotates all frames in the Index window 180°.

4. Click on **to accept the new preference settings.**

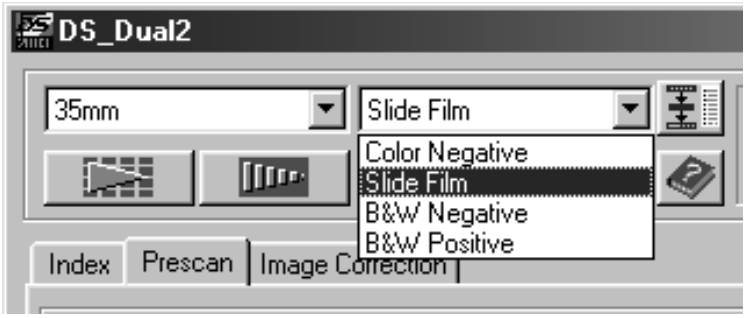
- Changes to the Preference settings take effect immediately.

1. **Insert the holder into the scanner.**

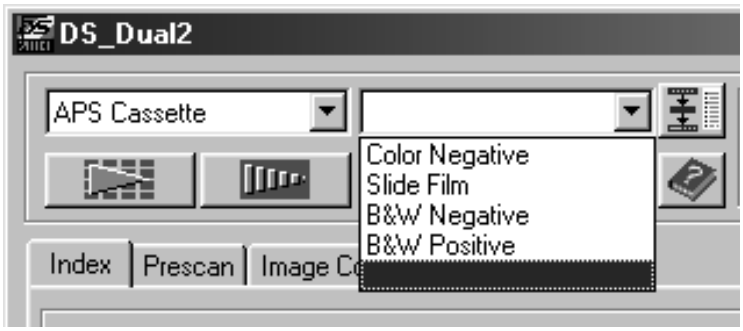
2. **Select 35mm or APS Cassette from the film format drop-down list in the Command window.**



3. **Select the film type from the film type drop-down list.**



Select APS Cassette



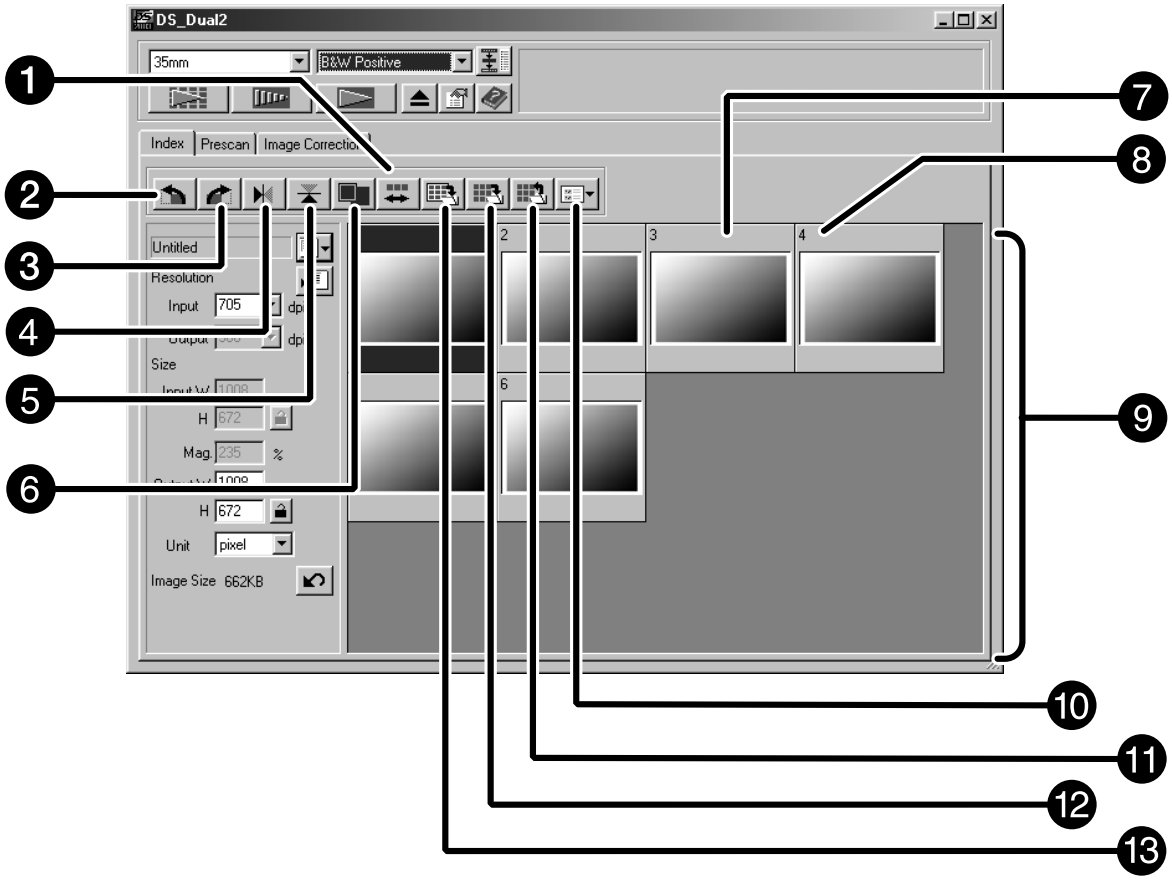
INDEX SCAN – NAME OF PARTS

Index scan displays a scan of each image on the film holder in the Index tab. The time required for an index scan depends on the performance of your computer.
If you don't want to index scan the entire roll, select the frame number of the image you want to scan from the index print provided by your photofinisher. Click on the appropriate image box in the index tab to select an image for prescanning or scanning.

- When APS is selected in the Command window, there are two options for making an index scan are available Speed or Quality. Select the desired option in the Preference dialog box (see page 39).

Click on Index tab in the Main window.

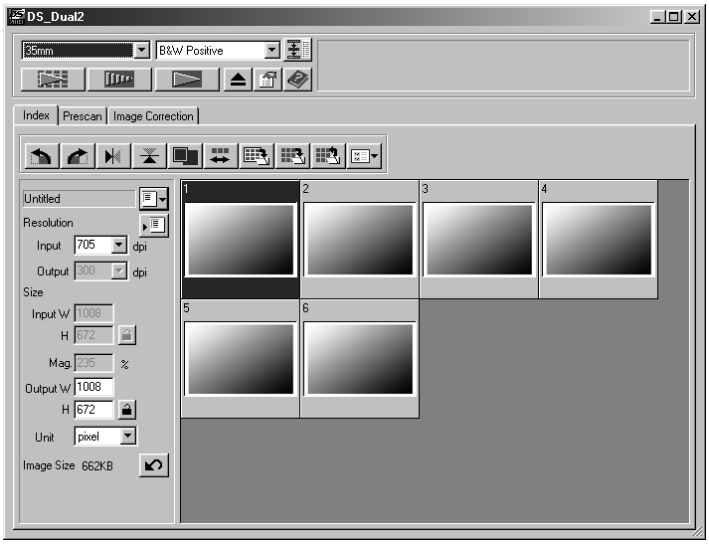
The Index tab part – Names of Parts



1. Reverse frame order button
2. Rotate left button
3. Rotate right button
4. Flip Horizontal button
5. Flip Vertical button
6. Full-Screen View button
7. Index Image frame
8. Frame number
9. Index Image area
10. Image Correction Job Load button
11. Save Index Image button
12. Index Load button
13. Save Index scan button

Index scan

1. **Click on** **in the Command window.**
   - All frames on the film folder will be scanned and appear in the Index tab.

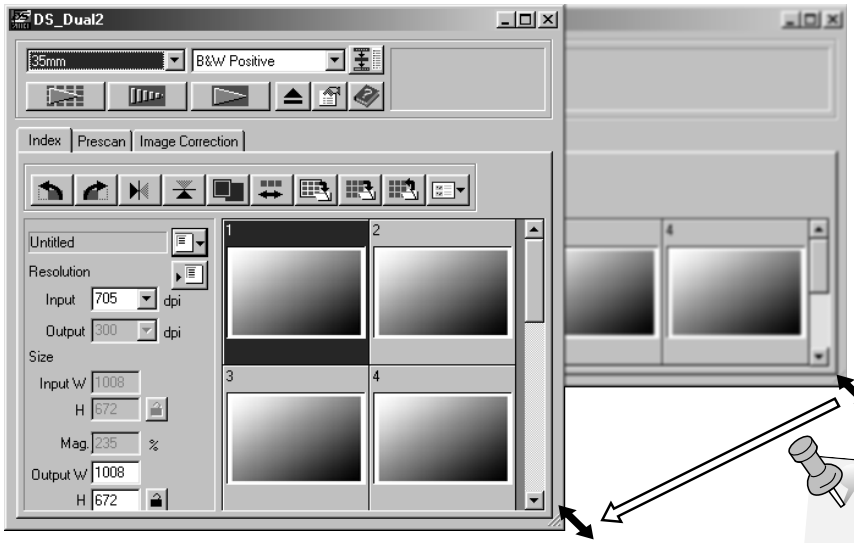


NOTE:

- To cancel the index scan, press the escape key (⌘-. Command and period for the Macintosh) until the Cancelling Index Scan message box appears.
- The completed index scans will appear in the Index tab.
- Frames that have not been index scanned can still be selected for prescanning and scanning.

Changing the Window Size

Change the size of the Index tab window as desired. The position of the frames will change accordingly.



1. **Click on the corner tab (lower-right corner) and drag to reach the desired size.**

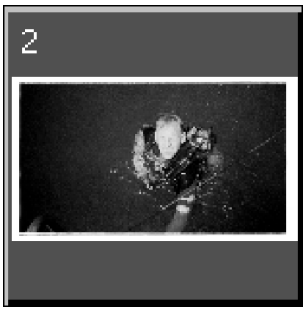
NOTE:

- When the Full-Screen View button is not clicked, the size and shape of the index frames does not change.
- When the Full-Screen View button is clicked, the size of the index frames changes automatically and all frames are displayed.

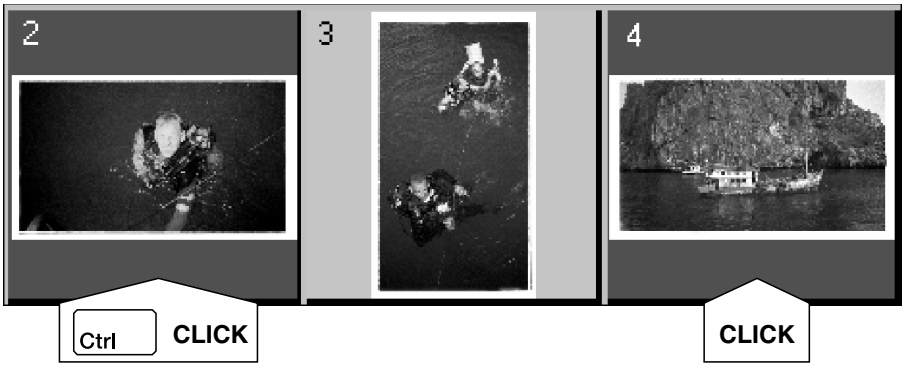
Selecting Frames

1. Click on an image to select it for scanning.

- Selected images are surrounded by a dark gray frame.



- Press the control key (⌘ key for the Macintosh) while clicking to select additional frames for scanning.
- Press the control key (⌘ key for the Macintosh) while clicking to deselect an image.



- Press the shift key while clicking to select all the frames between the current frame and the last frame selected.

2. Click on to scan the selected image (s).

- The scan is cancelled if more than the number of frames selected is greater than the Max # of Frames set in the Preferences dialog box. See page 39.
- The image will be opened in your photo application software when the scanner's driver software is closed.
- Some photo applications can only acquire one image at a time.

3. Refer to page 46 to save the scanned image(s).

- Multiple scans will be saved using the selected file name and numbered chronologically. Example: File_Name01, File_Name02, File_Name03…

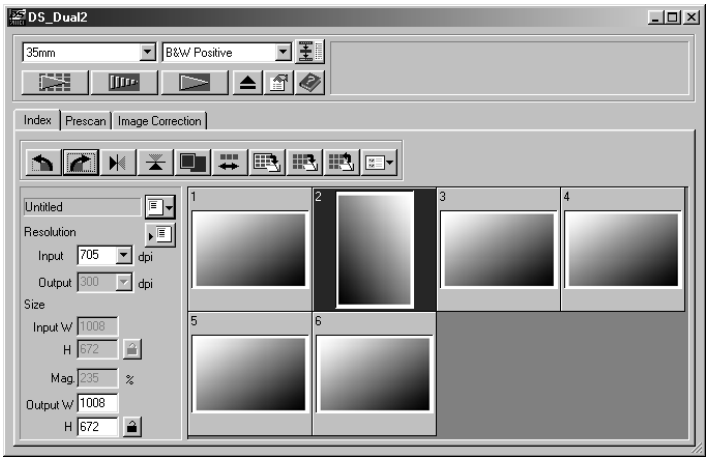
NOTE:

Click on to save the index as an image file.

- The image can be saved in JPEG or BMP format (JPEG or PICT format for the Macintosh).

Rotating the Index Frames

Rotate index frames so they appear in the Index scan tab window with the proper orientation.



1. **Select the desired frames, then click on , , or , .**
   - The selected frames will rotate in 90° increments either clockwise or counter-clockwise or flip vertically or horizontally.
   - Rotating the index frame will not affect the Prescan or Scan.

Reversing Frame order

Some cameras are reverse-winding, so the last frame is exposed at the beginning of the roll. The order of the Index tab can be reversed to correct the chronology.

1. **Click on .**

SAVING INDEX SCAN IMAGE

When performing the index scan, all the thumbnail images displayed in the index window can be saved as an image file.

1. Click on the 'Save Index Image' button in the Main window.

- The standard file save dialog box for each operating system will appear.

[Windows®]

- For Windows®, the file can be saved in the Windows® Bitmap (BMP) or JPEG format.

[Macintosh]

- For Macintosh, the file can be saved in the PICT or JPEG format.

2. Enter the desired file name, select the file destination and then click on Save.

- All the thumbnail images in the index window will be saved in the selected location with the specified file name.
- For Windows®, the file can be saved in the Windows® Bitmap (BMP) or JPEG format. For Macintosh, the file can be saved in the PICT or JPEG format.

SAVING INDEX IMAGE FILE

Some index images displayed in the index tab can be saved as an index file.

1. Click on the 'Save Index' button in the Main window.

- The standard file save dialog box for each operating system will appear.

[Windows®]

- For Windows®, the file can be saved in the Windows® Bitmap (BMP) or JPEG format.

[Macintosh]

- For Macintosh, the file can be saved in the PICT or JPEG format.

2. Enter the desired file name, select the file destination and then click on Save.

- When the index images are displayed, these images are saved regardless of the film set in the scanner.
- When the index images are not displayed, the index images are saved after performing the index scan.
- If there are index images which have not been scanned yet, those images will be scanned and then all index images including those images will be saved.

LOADING INDEX IMAGE FILE

The index file can be displayed in the index tab after reading the saved index file. The previously displayed preview images are erased.

1. **Click on the 'Read Saved Index' button in the Main window.**
   - The standard file open dialog box for each operating system will appear.

[Windows®]

- For Windows®, the file can be saved in the Windows® Bitmap (BMP) or JPEG format.

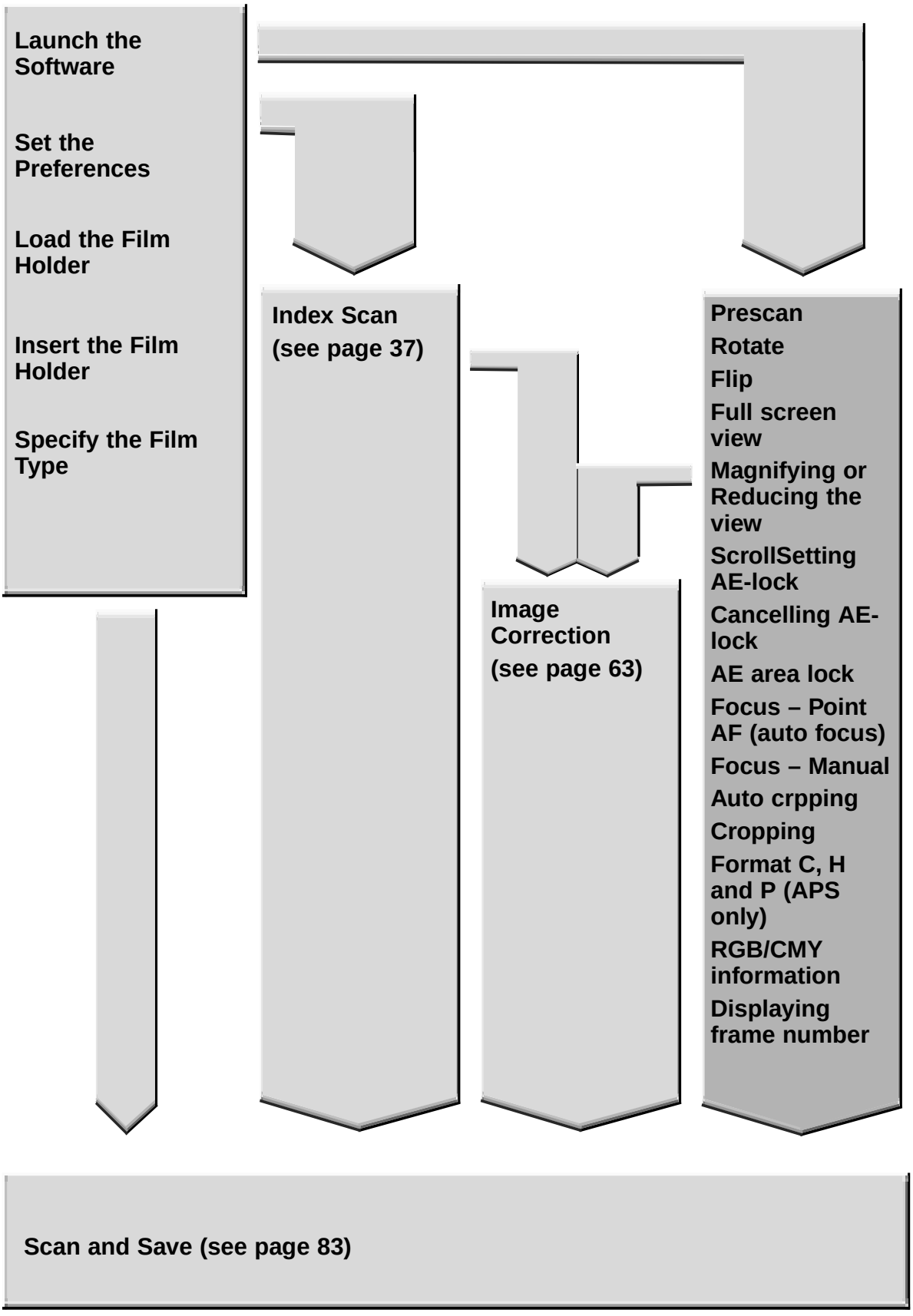
[Macintosh]

- For Macintosh, the file can be saved in the PICT or JPEG format.

2. **Select the index file to be read and then click on OK.**

PREVIEW SCAN

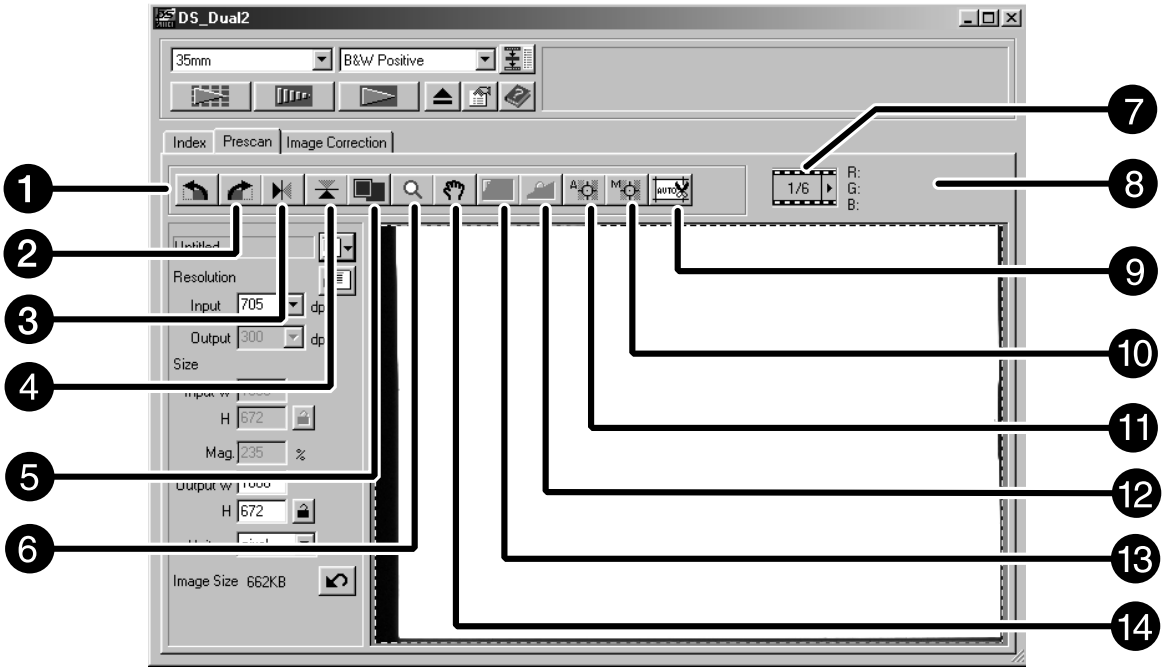
SCANNING FLOW



Prescanning creates a scan of the image that you can apply and view color, contrast, orientation, and brightness corrections before clicking on the Scan button. This ensures that final scan will be the best it can be.

Click on the Prescan tab in the Main window.

The Prescan tab part – Names of parts



❶ Rotate Left button

❷ Rotate Right button

❸ Flip Horizontal button

❹ Flip Vertical button

❺ Full-Screen View button

❻ Zoom button

❼ Frame number indicator

❽ RGB/CMY display

❾ Auto Holder/Mount Crop Adjustment button

❿ Manual Focus button

⓫ Point AF button

⓬ AE Lock button

⓭ AE Area Lock button

⓮ Grab button